IBM18CS106 Shareyash. A Batch CI

```
# include (stdio.h)
# include (Stalib.h)
# include (String h)
Charge 3 = "10000111"p[50], (50], /28+ x2+x+1
înt n1, n2;
void xosy)
   int i:
  Forli=D; i Lnl; i++)
  { If (C[i] == g[i])
     else .
C[i]=1);
Void (RCL)
{ int i, cnr;
   for(cur= D; cun Ln1; Cnn++)
   { · C[cnn] = p[cnn];
```

```
do
    {
        if (c[o] == 11)
       { xox();
}
fox(i=D; i ~nl-1; i++)
        { C[i] = C[i+1];
        3
C[i] = [p[cn2++];
     3 while (chach2+n1);
Void moun ()
  printf ("Entoy data=");
  Scanf ("0/05,6);
  nl= Stalen(g);
   n2=Strlen (3);
 Fon (i= n2; i hn2+n1; i++)
     p [i] = '0';
  Cac();
  parintf ("Checksum is: 905 H", b);
  print F ("( wrent code: %5 \n", 9);
```

```
For(i = n2; icn2+n1;1++)
 { p[i] = c[i-n2];
 3
perint ("Transmitted code or code word:
                                % 5 (n", b);
 parint ("Enter code recieved: It");
 Scanf ("0/05", p);
 CALL);
For (i = 0; iLstalen(c); i++)
{ if (c[i] == (1')
    { parint f ("Error I huy;
      exit(0);
Bezint f ("No 62200 % [n");
```